

DETAILED ACTION

1. This office action is a response to applicant's amendment filed 06/17/2009. In virtue of this amendment, claims 1, 15-16, 30-33 are canceled; claims 34-35 are newly added; thus, claims 2-14, 17-29 and 34-35 are currently in the instant application.

Interview Summary

2. Examiner contacted applicant's representative, Caleb Pollack (Registration No. 37,917), on October 19, 2009 for discussing about a proposed amendment. Examiner suggested applicant's representative to cancel claim 35 in order to place the application in condition for allowance. On October 20, 2009, Applicant's representative agreed to authorize examiner to cancel claim 35 in Examiner's amendment.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Caleb Pollack (Registration No. 37,917), on October 20, 2009.

The application has been amended as follows:

Claim 35 (Canceled).

Allowable Subject Matter

4. Claims 2-14, 17-29 and 34 are allowed.
5. The following is an examiner's statement of reasons for allowance:

Prior art fails to disclose an antenna structure, wherein the pellet and the radiating component of the antenna structure are adapted such that when the antenna structure is mounted on the upper surface of a dielectric substrate, the pellet is elevated above the upper surface of the dielectric substrate so that the pellet does not directly contact the dielectric substrate or the groundplane, the radiating component is elevated above the upper surface of the dielectric substrate and has a surface that faces a surface of the pellet, and an air gap or other dielectric spacer material is provided between the pellet and the radiating component, in combination with the remaining claimed limitations as in claim 34 (claims 2-14 and 17-29 are allowed since they are dependent on claim 34).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Inquiry

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to DIEU HIEN T. DUONG whose telephone number is (571)272-8980. The examiner can normally be reached on Monday - Friday, from 8:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas W. Owens can be reached on 571-272-1662. The fax phone

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

10/21/09
/D. T. D./
Examiner, Art Unit 2821

*/Trinh Vo Dinh/
Primary Examiner, Art Unit 2821*